

Undersea Technology Index, Volume 13, 1972

This is a three-part, instant-reference index of technical material and news appearing in Volume 13, 1972. Part 1, Monthly Contents; Part 2, Authors; Part 3, Subject Index. Numbers following title, author or subject are month and page numbers.

PART 1 — MONTHLY CONTENTS

JANUARY 1972

An Independent Ocean Agency (editorial)	9
Soundings	11
Capital Report	12
Navy Currents	13
International	16
Marketing and Business	40
Contracts	43
Policy Makers Optimistic	21
The Oceans — Challenge of 1970's	23
Coastal Zone Management Needs Congressional Action	27
Sophisticated Systems Speed National Ocean Survey Output	27
Delay In Offshore Lease Sales	29
Threatens Domestic Oil Supply	29
Old-Age Problem Faces Both Navy and Merchant Fleet	31
DOD Gives ASW Surveillance Systems High Priority	31
Industry And Government Favor Different Seabed Positions	33
The Dilemma Of Projecting Marine Education Requirements	33
Prevention Is Key To Ocean Oil Pollution Control	35
International Law And Tradition Challenges U.S. Fisheries	35
Ocean Mining — The Sleeping Giant	37
Desalting Plant Capacity Nears 200 Million G/D	37
IDOE Aims At Environmental Quality and Seabed Resources	39
Product Development	41
People	42

FEBRUARY 1972

Surprised By Disaster (editorial)	9
Soundings	13
Capital Report	14
Research	15
Navy Currents	17
Marketing and Business	31
Product Development	33
More Dollars For Federal Ocean Programs	10
Frank Massa — A Pioneer In Electroacoustics	20
International Field Year For The Great Lakes	23
Brighton Exhibition And Conference	24
Performance Of Interior Mounted Transducer Through Three Media	27
People	30
Letters	32
Contracts	35

MARCH 1972

Coordination — A Step Forward (editorial)	9
Soundings	13
Capital Report	14
Navy Currents	15
Research	17
International	19
Marketing and Business	36
Newly Discovered Sea Floor Pattern May Be Clue To Oceans' Origins	20
A Continuous Ocean Sampling and Analysis System	24
Low Cost Instruments For Marine Science Education	28
Marine Sciences And ASW Receive Big Budget Increases	30
Range Positioning System For Dredging And Surveying	37
Product Development	34
People	38
Contracts	39

APRIL 1972

NACOA's Challenge (editorial)	9
Soundings	13
Capital Report	14
Navy Currents	15
Research	21
Offshore Technology Conference	22
Froch Lifts ASW Curtain — Slightly	27
A Success Story In Marine Services — TRACOR/MAS	28
Using Coastal Zone Models To Predict Environmental Impact	30
Electromechanical Timers For Oceanographic Applications	33
Tire Reefs Attract Sea Life	37
Marketing and Business	38
People	39
Product Development	41
Contracts	43

MAY 1972

A Confusion Of Tongues (editorial)	9
Soundings	13
Capital Report	14
Navy Currents	15
Offshore Trends	17
Research	19
Marketing and Business	49
Large Buoy Sensor Package	22
Source Impasse Settled	22
What's New In Underwater Photography?	28
Menard's Method Of Seafloor Anchoring	35
Bendix Expands Ocean Systems Operations	36
Underwater Television — A Sophisticated Ocean Tool	39
A New Underwater Motion Picture Camera	42
Product Development	45
People	50
Contracts	51

JUNE 1972

Technology Assessment — A Rewarding Exercise (editorial)	9
Soundings	11
Offshore Trends	15
Capital Report	22
Navy Currents	23
Marketing and Business	47
International	48
Offshore Technology Conference Continues To Set New Records	21
Predicting Deep Ocean Performance At Navy Simulation Facility	30
Increasing The Life Of Undersea Cables	33
NOAA Ocean Data Buoys	36
Fifth Symposium On Underwater Physiology	41
Product Development	45
People	49
Contracts	53

JULY 1972

Public Constituency — A Source Of Power (editorial)	9
Soundings	11
International	12
Offshore Trends	15
Capital Report	18
Navy Currents	19
Research	25
Thibadaux Markets New Tanks	29
U.S. Coast Guard Oil Pollution Control Programs	30
8th Annual MTS Conference and Exposition	34
Increasing The Life Of Undersea Cables	49
Letters	51
Marketing and Business	53
Product Development	55
People	58
Contracts	59

AUGUST 1972

Coast Guard R&D Comes Of Age (editorial)	9
Soundings	11
Offshore Trends	14
Capital Report	20
Navy Currents	21
Marketing and Business	33
Marine Seismic Energy Sources: A Status Report	24
Open Sea Oil Skimmer	28
Data Processing — A Key To Oil Discovery	30
Satellite Positioning Intrudes Low-Cost Navigation Unit	32
Seismic Engineering Takes The Clutter Out Of Exploration Streamers	34
Raydist Celebrates 15 Years Of Arctic Radio-Positioning	38
Product Development	35
Contracts	39

SEPTEMBER 1972

The Changing Ocean Scene (editorial)	9
Soundings	11
Offshore Trends	15
Capital Report	18
Navy Currents	21
Research	23

Marketing and Business	45
Two-Foot Contour Chart Produced For Texas Flower Garden Reef	25
"The Navy Must Continue To Lead In Undersea Technology"	32
Puerto Rico International Undersea Laboratory	35
Unisuit Takes The Chill Out Of Diving	39
Product Development	47
Letters	50
Contracts	51

OCTOBER 1972

MTS At The Crossroads (editorial)	9
Soundings	11
Offshore Trends	13
Capital Report	14
Navy Currents	17
Marketing and Business	31
Product Development	32
A New Trade Association For The Ocean Community	18
Excellent Technical Sessions Highlight MTS Annual Meeting	21
Shallow And Deep Water Surveys From One Vessel	23
Shell Completes Offshore Wellhead With One-Atmosphere System	25
Hydraulics And Couper Receive 1972 Compass Awards	29
Contracts	35

NOVEMBER 1972

Undersea Surveillance — The Deterrent (editorial)	11
Soundings	13
Offshore Trends	14
Restocking The ASW Arsenal	18
New Satellites Offer Greater Potential For Ocean Data Collection	23
More NOAA Buoys For Ocean Data Collection	33
ASW Is One Of Many Applications For New XSTD	34
Product Development	35
Capital Report	36
Navy Currents	37
Research	39
International	40
Marketing and Business	45
People	46
Contracts	47

DECEMBER 1972

Champions Of The Oceans (editorial)	9
Soundings	11
International	13
Offshore Trends	14
Protecting Marine Equipment From Fouling, Erosion, Corrosion And Cavitation	16
NOAA Ships Probe The World Oceans	18
Flat Top — The Versatile Marine Platform	21
Capital Report	22
Navy Currents	23
Research	25
Marketing and Business	26
UST Index 1972	27
Product Development	31
People	34
Contracts	35

PART 2 — AUTHORS

Abel, Dr. Robert B.	1/16, 3/19, 6/48
Beaufort, Dr. Roger	7/12, 11/40
Bentley, John	7/30, 8/14
Booda, Larry L.	1/31, 3/9, 3/15, 3/30, 4/9, 4/15, 4/27, 5/9, 5/15, 5/29, 6/9, 6/23, 6/37, 7/9, 7/19, 8/9, 8/21, 9/21, 9/32, 10/9, 10/17, 10/21, 11/11, 11/18
Clingan, Thomas A., Jr.	1/33
Covey, Charles W.	1/9, 2/9, 2/23, 4/28, 5/36, 8/28, 9/9, 9/39, 10/25
Craig, A. F.	4/33
Edmiston, Ken	5/35, 6/15, 6/21, 7/15, 8/17, 9/15, 9/25
David, Edward E., Jr.	1/21
Flipse, John E.	1/37
Hollings, Ernest F.	1/23
Hood, Edwin M.	1/31
Ikard, Frank N.	1/29
Jones, RAdm. Don A.	1/27
Landis, Arthur T., Jr.	4/21, 5/19, 7/25, 9/23, 11/39
LaViolette, Paul E.	11/23
Lutz, Larry D.	2/27
Magruder, William M.	1/21
Mayne, Harry W.	8/24

O'Meara, J. W. 1/37
 Pearlman, Michael D. 3/24
 Planey, Andrew H. 6/30
 Porterfield, Byron 3/28
 Ruedel, Philip M. 1/35
 Sigolove, Joel J. 3/24
 Smith, Paul Ferris 4/30
 Stuart, Locke 11/23
 Taylor, Ronald D. 6/33, 7/49
 Taylor, Dr. Samuel G., Jr. 8/30
 Vermillion, Charles 11/23
 Wakelin, James H., Jr. 1/21
 Ward, Robert E. 4/30
 White, Dr. Robert M. 1/21

PART 3 — SUBJECT INDEX

acoustics 2/20, 2/27, 3/33, 3/30,
 4/28, 7/24, 7/34, 10/23, 11/34, 11/12
 American Oceanic Organization 2/13
 analysis instrumentation 3/24, 3/28
 antisubmarine warfare 1/31, 2/20, 3/15, 3/17,
 3/30, 4/15, 4/27, 4/28, 5/13, 5/15,
 9/32, 10/11, 10/26, 11/11, 11/18, 11/34, 12/23
 bathymetry and seismic exploration 5/17, 5/19,
 7/19, 8/24, 8/34, 9/25, 10/23, 12/18
 biology, marine (see Research column monthly)
 budgets, Federal programs 2/10, 3/30,
 7/11, 11/13
 buoys, marine data 5/22, 6/36, 7/11,
 11/33, 12/11
 cable, undersea 6/33, 7/49
 chemistry, sea water (see Research column
 monthly)
 coastal zone management 1/27, 2/16, 2/18,
 3/33, 4/30, 5/20, 6/27, 10/14, 11/36
 Coast Guard 7/30, 8/9, 8/28
 Compass Distinguished Achievement
 Award 9/11, 10/29
 Compass Industrial Award 9/11, 10/29
 conference reports 2/24, 4/22, 6/21, 6/41,
 10/9, 10/21, 11/13
 completions systems, oil offshore 6/15,
 10/25, 12/14
 computer models 4/30, 4/37, 8/30
 corrosion prevention 12/16
 current measurement 4/30, 5/36, 6/36, 11/33
 data processing, seismic 8/30
 deep ocean research 1/27, 1/39, 2/16,
 3/20, 4/13, 4/19, 4/21, 4/26, 5/25,
 11/42, 12/13, 12/18
 Deep Sea Drilling Project 2/13, 5/15, 9/11, 10/11
 defense spending 1/11, 1/31, 4/13, 4/27,
 9/11, 9/32, 11/18
 desalination 1/37, 2/19

diving, ocean 1/11, 4/13, 6/30, 8/11,
 8/17, 9/11, 9/39, 11/13
 education, marine 1/33, 3/28, 9/21, 10/11, 11/37
 energy sources, seismic 8/24
 Federal marine programs 1/21, 1/23, 3/13,
 3/30, 4/14, 9/9, 9/18, 10/17, 12/9
 fisheries 1/12, 1/15, 1/35, 2/13, 2/16,
 2/17, 2/27, 3/15, 4/15, 4/18, 4/36, 7/25, 11/40
 FLARE, project 1/11
 fouling prevention 12/16
 instrumentation, marine 2/13, 2/19,
 2/27, 3/16, 3/24, 3/28, 3/37, 4/30,
 4/33, 5/36, 8/34, 9/21, 11/34, 11/37
 International Decade of Ocean
 Exploration 1/39, 2/16
 International Field Year For
 The Great Lakes 2/23, 7/7
 international marine affairs 3/19, 7/12, 8/14
 law-of-the-sea 1/11, 1/33, 4/15, 5/9,
 6/48, 7/26
 legislation 1/12, 1/23, 3/13, 5/13, 5/14,
 5/22, 7/9, 7/11, 7/18, 8/20, 9/18, 11/36, 12/9
 Marine Technology Society 7/34, 10/9, 10/21
 mining, marine 1/37, 6/22
 National Oceanic & Atmospheric
 Administration 1/9, 3/9, 3/30, 4/9,
 5/14, 6/11, 10/11, 11/23, 11/33, 12/18
 National Ocean Industries Assoc. 10/18
 navigation systems 4/21
 ocean dumping 3/13, 11/36, 12/11
 offshore oil operations 1/29, 4/19, 5/13,
 5/17, 5/35, 6/9, 6/15, 6/18, 6/27, 7/15,
 7/29, 8/17, 8/28, 9/15, 9/17, 10/13,
 10/23, 10/25, 11/14, 12/14
 oil recovery systems 7/30, 8/21, 8/28,
 9/15, 10/13
 photography, underwater 5/28, 5/42
 pollution, marine 1/13, 1/16, 1/35, 2/9,
 5/17, 5/25, 7/16, 7/30, 8/21, 9/15
 positioning systems 3/37, 8/32, 9/13
 power sources, marine 7/11, 10/11
 PRINUL 9/35
 recovery & salvage 2/17, 8/11
 satellite, ocean data 11/23
 Sea Grant Programs 1/33, 3/14, 9/21,
 10/11, 11/37
 seismic exploration & bathymetry 5/17,
 5/19, 7/19, 8/24, 8/34, 9/25, 10/23
 simulation, deep ocean 6/30
 Soviet oceanography 8/14

structures, ocean engineering 1/33
 3/28, 9/21, 9/43, 4/30, 8/17, 12/16
 submersibles 1/15, 3/13, 7/11, 7/25,
 8/11, 9/42
 subsea completion systems 6/15, 10/25, 12/14
 surveillance, ocean 3/15, 3/17, 3/30,
 4/15, 4/27, 4/28, 5/13, 5/15, 7/19,
 8/11, 9/17, 11/11
 television, underwater 5/39, 7/52, 9/43
 terminals, offshore 6/9, 7/11, 7/15, 8/21, 11/14
 timers, instruments 4/33
 vessels, research & operations 2/27,
 3/37, 4/28, 10/23, 18/18, 12/21
 welding, underwater 5/17

WANTED

Information leading to the true identity of (Alias) Arch E. Benthic who is responsible for the book THE ID OF THE SQUID, and other outrageous rhymes about oceanography (illustrated).

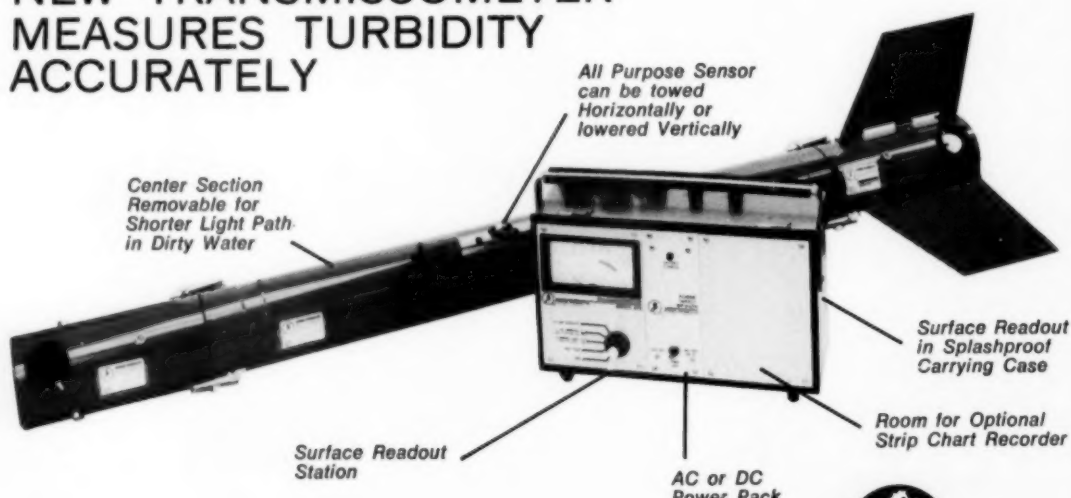
REWARD

One copy of the incriminating evidence will be sent to any interested person or persons for only \$2.95 plus 14c post-age.

See card inside front cover

COMPASS PUBLICATIONS, INC.
 1117 North Nineteenth Street
 Arlington, Virginia 22209

NEW TRANSMISSOMETER MEASURES TURBIDITY ACCURATELY



The 612-S is a new and advanced Transmissometer System which provides a practical and economical means of measuring visibility range for underwater photography or television, measuring water clarity, sediment suspension, plankton concentrations and plotting river outfalls. Both sensor and deck unit are lightweight and portable, and can be used from small boats for making vertical or horizontal turbidity contours. Write Hydro Products for a new free brochure.



HYDRO PRODUCTS

A DILLINGHAM COMPANY
 P.O. BOX 2528, SAN DIEGO, CALIF. 92112
 PHONE (714) 453-2345 TWX 910-322-1133

